Attorney Docket No. 200310231-1 (2162-18300) Applicants: Herbert R. KOLK et al.

Title: Method And System For Automatically Extracting...

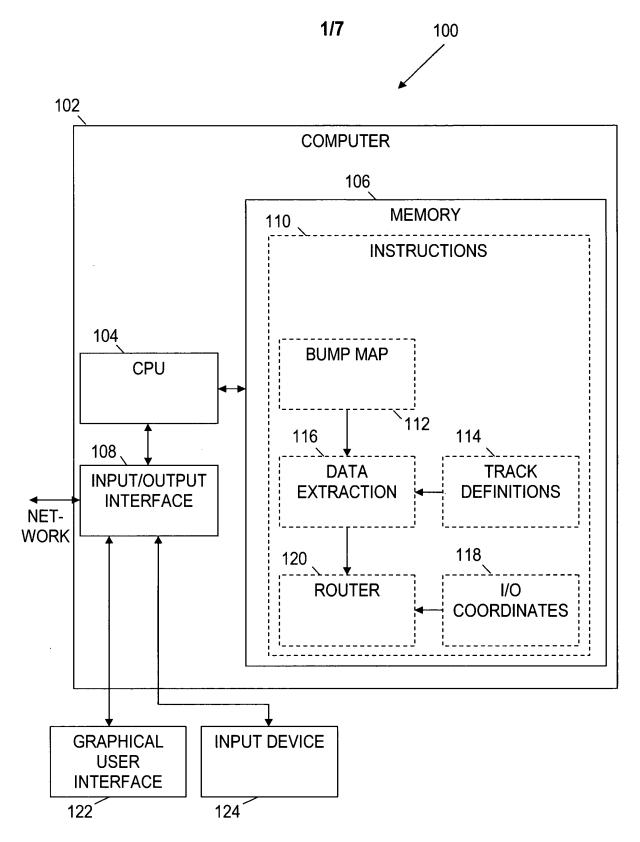


FIGURE 1

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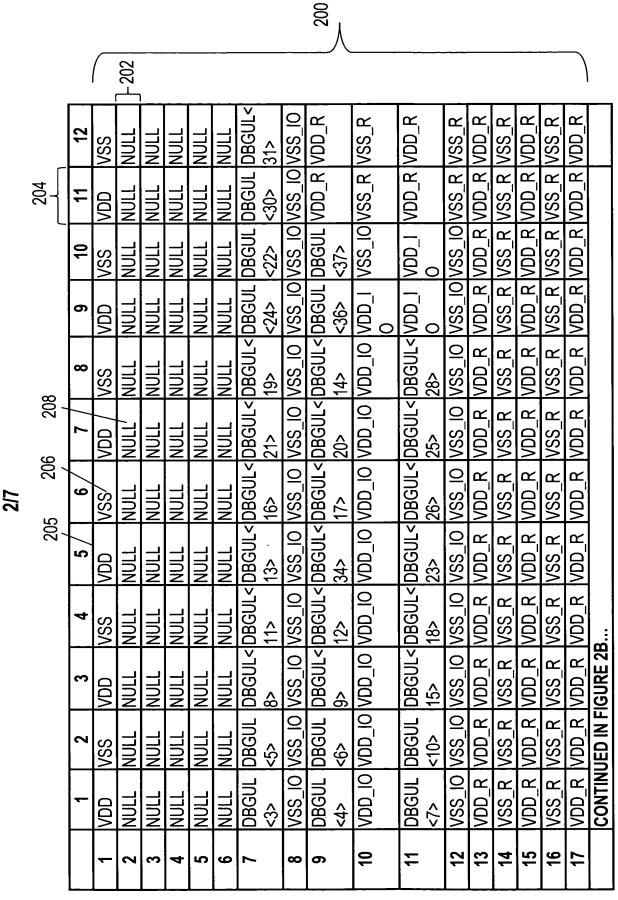


FIGURE 2A

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					8	200	<u></u>					_
		′										'
	12	VSS_R	VDD_R	VSS_R	VDD_R	N_DATA	_OUT_H	<22>	01_88/	VDDX1		
	11	VSS_R	VDD_R	VSS_R	VDD_R	N_DATA N	LOUT_H	<23>	01_88V	N_DATA	_OUT_H	<14>
	10	VSS_R	VDD_R	VSS_R	VDD_R	N_DATA_	OUT_ECC	_H<1>	VSS_IO	N_DATA_	OUT_ECC	_H<4>
	6	VSS_R	VDD_R	VSS_R	VDD_R	/DDX1			/DD_R VSS_R VSS_IO VSS_IO VSS_IO	VSS_R VSS_R N_DAT VDDX1 N_DATA_	OUT_ECC OUT	-H<6>
	8	VSS_R	A_aav A_aav A_aav	VSS_R	VDD_R	N_DAT \	A_OUT A_OUT	-H<9>	01_887	VDDX1		
	2	VSS_R VSS_R	VDD_R	VSS_R	roo_r voo_r voo_r	VSS_R VSS_R N_DAT	A_OUT	\$ *	OI_SSV	N_DAT	A_OUT	_H<15>
	9	VSS_R	VDD_R	VSS_R	VDD_R	VSS_R			VSS_R	VSS_R		
4	2	VSS_R	NDD_R	VSS_R	VDD_R				VDD_R			
GURE 2 /	4	VSS_R	VDD_R	VSS_R	VDD_R	VSS_R			VDD_R	VSS_R		
ROM FI	က	VSS_R	VDD_R	VSS_R	VDD_R	VSS_R			VDD_R	VSS_R		
CONTINUED FROM FIGURE	2	VSS_R VSS_R VSS_R	VDD_R VDD_R VDD_R	VSS_R VSS_R VSS_R	VDD_R VDD_R VDD_R	VSS_R WSS_R WSS_R WSS_			VDD_R VDD_R VDD_R VDD	VSS_R VSS_R VSS_R VSS_R		
CON1	-	VSS_R	WDD_R	VSS_R	VDD_R	VSS_R			WDD_R	VSS_R		
		18	19	20	21	22			23	24		

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						<u>ئ</u> ب	<u> </u>									_
9	COMMENTS	LEFT EDGE OF THIS TRACK RELATIVE TO 0,0 OF CHIP												THIS IS USED IN THE	3134DRIVER_SHIFT SPREAD SHEET	SPECIAL CENTER FOR WIDE IO
5	SPACE TO SPACE TO M8 GRID EDGE LEFT (ADU) RIGHT (ADU) OFFSET (ADU)	1234	1384	1534	1634	1834	2034	2234	2384	2534	2634	2784	2934		3084 31	2934
4	SPACE TO I	50	50	20	100	100	20	20	50	50	20	50	20		20	20
3	SPACE TO LEFT (ADU)	0	20	20	20	100	100	20	20	20	20	20	20		20	20
2	WIDTH (ADU)	100	100	20	100	100	150	100	100	20	100	100	100		19	450
TBL_M8GRID	GRID NAME USED TO REFERENCE THIS TABLE	10_3	VSS_1	LCLK_1	VDD_1	VSS_2	CLOCK	VDD_2	VSS_3	LCLK_2	S_ddV	SPECIAL	10_1		10_2	0

	<u>স</u> স	
1234	2000	8
BUMP_OFFSET(ADU)	M8GRID_PITCH(ADU)	M8GRID_LAYER

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(DEFINITI	ON CONTI	(DEFINITION CONTINUES UNTIL END GNORED)		STATEMENT, REGION COORDINATES ARE	REGION	COORDII	NATES A	RE				
405		404										
MACRO	VSS_VDD_M8	_ ₩_		÷								
COMME NT	LOWER X	ICOMME LOWER X LOWER Y UPPER		X UPPER Y LAYER OFFSET PITCH WIDTH	LAYER	OFFSET	РІТСН	WIDTH	SIG	SIG DATA TYPE	GRID PTR	
	0	0	0	0	8	1384	2000	100	VSS	20	VSS_1	<u></u>
	0	0	0	0	8	1634	2000	100	VDD	21	VDD_1	· · · · · · · · · · · · · · · · · · ·
	0	0 (0	0	8	1834	2000	100	VSS	20	VSS_2	708
	0	0	0	0	8	7234	2000	100	VDD	21	VDD_2	<u></u>
	0	0	0	0	8	2384	2000	100	NSS	20	VSS_3	
	0	0	0	0	8	2634	2000	100	VDD	21	c_ddv /	
END	8M_ddv_ssvi	_M8										
408				FIG	FIGURE 4	4			•	/	410	
										/ 400		
LOWER X L	OWER Y	OWER X LOWER Y UPPER X	UPPER Y								MACRO NAME	[
4326	2987	268765	32451	0	0	0	0		0	0	VSS_VDD_M8	©
				FIG	FIGURE 5	2		•	/			
									200	_		

2/1

Applicants: Herbert R. KOLK et al. Title: Method And System For Automatically Extracting... 6/7 **START CREATE DATA** 602 **STRUCTURE** 600 604 **READ IN DATA FROM BUMP** MAP 606 **READ IN DATA** FOR I/O **COORDINATES** 612 610 608 **READ IN DATA READ IN DATA** YES NO TRACK MACRO **USING TRACK USING TRACK** EXISTS? **DEFINITIONS MACRO** 614 **CREATE TRACK DEFINITIONS IN ROUTER FORMAT** 616 WRITE OUT BUMP, I/O, AND TRACK DATA TO ROUTER

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FIGURE 6

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